

Abstract of the Disclosure

The present invention aims to expand a range through which a guiding visible light for guiding a position of an eye appears in shooting an image of the eye and to put easily the position of the eye onto an optical axis of an imaging optical system in shooting.

In the present invention, an eye image pick-up system (10) includes a lens (13), a lens-barrel (12) for supporting the lens (13), a mirror (14) as a guiding mirror for turning an optical path of an imaging optical system at an almost right angle and guiding a guiding visible light, an imaging device (16) for picking up an image of an eye (11), and an LED (15) provide at the back of the mirror (14) on a prolonged line of an optical axis (17) extending from the lens (13) to the mirror (14) to emit the guiding visible light. The mirror (14) has a reflecting film (18) formed by depositing reflecting material onto a transparent substrate, and a circular-ring light guiding portion (19) made of transparent material. The guiding visible light from the LED (15) is guided to pass through the light guiding portion (19) and arrives at the eye (11) via the lens (13). Full circular-ring guiding visible lights are viewed when the position of the eye (11) is put onto the optical axis (17), and the circular-ring guiding visible lights a part of which is lost are viewed when the position of the eye (11) is out of the optical axis (17).